REMARKS

Claims 1-17 remain in this application. On the first page of the action, the Examiner indicates that claims 1-8 are rejected and in the body of his action comments on these claims only, although saying claims 1-12 are rejected. Claims 13-17 are never mentioned. Only In regard to claim 1 does the Examiner make a detailed rejection. Claims 1-8 were rejected both as anticipated and on the basis of double patenting (provisional). Should claims in this application be allowed after claims in 10/189,181 have issued, Applicants will file a terminal disclaimer. Applicants believe that such filing at this time is premature.

Referring to claim 1 and the Examiners rejection for anticipation, the present invention includes the feature (a) "finding a sequence of the other operation information items" on the basis of (b) "synchronous operation," thereby allowing traces of each operating system to be managed in the order in which the traces are actually generated.

The Examiner indicates that feature (b) is disclosed in Loucks, column 2, lines 28-51 These portion of the specification reads as follows:

> The cost effective development of operating environments able to support multiple operating system personalities requires that common elements between the operating systems be extracted and coalesced into a limited number of processes. It is also desirable to provide an ability for a system user to select a single dominant personality to control overall system function while allowing the use of other operating system personalities as needed.
>
> The technical problem addressed by the present invention is to develop a system and method for efficiently supporting concurrent multiple operating system personalities on a hardware system. A second problem is to provide effective means for communicating with the hardware resources necessarily shared by the multiple systems.
>
> The present invention is directed to solving these problems by implementing a system and method for supporting multiple concurrent operating system personalities.
>
> The present invention provides a system having components for coordinating resources between operating system personalities and for effectively communicating between the personalities. Methods of effective communication are also disclosed. (Col. 2, lines 28-51).

Applicants submit that nothing in this portion of the specification is directed to the claimed feature of "operation information, obtained through a synchronization operation operating the plurality of operating systems at the same time during a time-shared switching operation thereof, and being assumed as a reference to other operation information items corresponding to each other and regarded to have been generated approximately at the same time."

The Examiner contends that feature (a) is disclosed in Loucks, column 1, lines 56-67; column 4, lines 7-27; Fig. 3; and column 3, line 65, column 4, line 6. This reads as follows:

> The microkernel approach has been suggested as a method for rapidly adapting operating systems to new hardware platforms and for allowing multiple operating systems to be rapidly adapted to existing platforms It has been proposed to supply either a single or multiple operating system personality with each system product for a particular hardware architecture. See "A Catalyst for Open System", by Richard Rashid, Datamation, May 15, 1989, pp 32-33 for additional background.
>
> The developers of the Mach Microkernel at CMU have proposed supporting multiple operating system personalities running on a single microkernel. (Col. 1, lines 56-67).
>
> Interfaces 211 include object oriented interfaces as well as standard procedural interfaces. The object oriented interfaces are responsive to object messages sent by the dominant personality or to the dominant personality. The procedural interface is a more traditional application programming interface (API) that accepts certain command or routine calls with parameters. The interface 211 communicates with the other processes through the Mach microkernel messaging services.
>
> Personality neutral services 212 are provided to support general tasks that need not have an operating system flavor. Examples are file systems, communication transport services and distributed systems services. These personality neutral services accept process requests from any operating system personality and supply the necessary services. Coordination of these services is through object oriented and procedural interfaces 213.
>
> Alternate operating system personalities are implemented as sub-dominant personality servers 214. Each of these servers interfaces with the microkernel and

the other servers through interface 215. The alternate personalities provide operating system environments for those environments different than the dominant personality environment. In addition, personality unique services may be further separated.

Applications executed by the system or user are shown at 208. The applications execute without knowledge of the dominant personality or the microkernel. Each executes as though its target operating system was in full control of the computer hardware. (Col. 3, line 65 – Col. 4, line 27)

Again, Applicants submit that nothing in this material or Fig. 3 teaches or suggests that a "management system finds a sequence of other operation information items recorded in said operation information memories of said operating systems according to the correspondence to said searched operation information." For example, there is no mention of "operation information items recorded in said operation information memories," or of any memories for that matter.

In view of the above noted differences, Applicants believe that the Examiner has not demonstrated anticipation of claim 1, or any other claim. In view of this Applicant's submit that all claims remaining in this application are in condition for allowance, prompt notice of which is respectfully requested.

The Examiner is invited to contact the undersigned to discuss any matter concerning this application.

Applicants respectfully request a two-month Extension of Time to respond to the Final Rejection of November 7, 2003. The extended period expires April 7, 2004.

The Office is hereby authorized to charge the fee of $420.00 for a Petition for Extension of Time Under 37 C.F.R. § 1.136(a) and any additional fees under 37 C.F.R. § 1.16 or § 1.17 or credit any overpayment to Deposit Account No. 11-0600.

Respectfully submitted,

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John C. Altmiller
Registration No. 25,951

KENYON & KENYON
1500 K Street, N.W., Suite 700
Washington, D.C. 20005
Tel.: (202) 220-4200
Fax.: (202) 220-4201
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